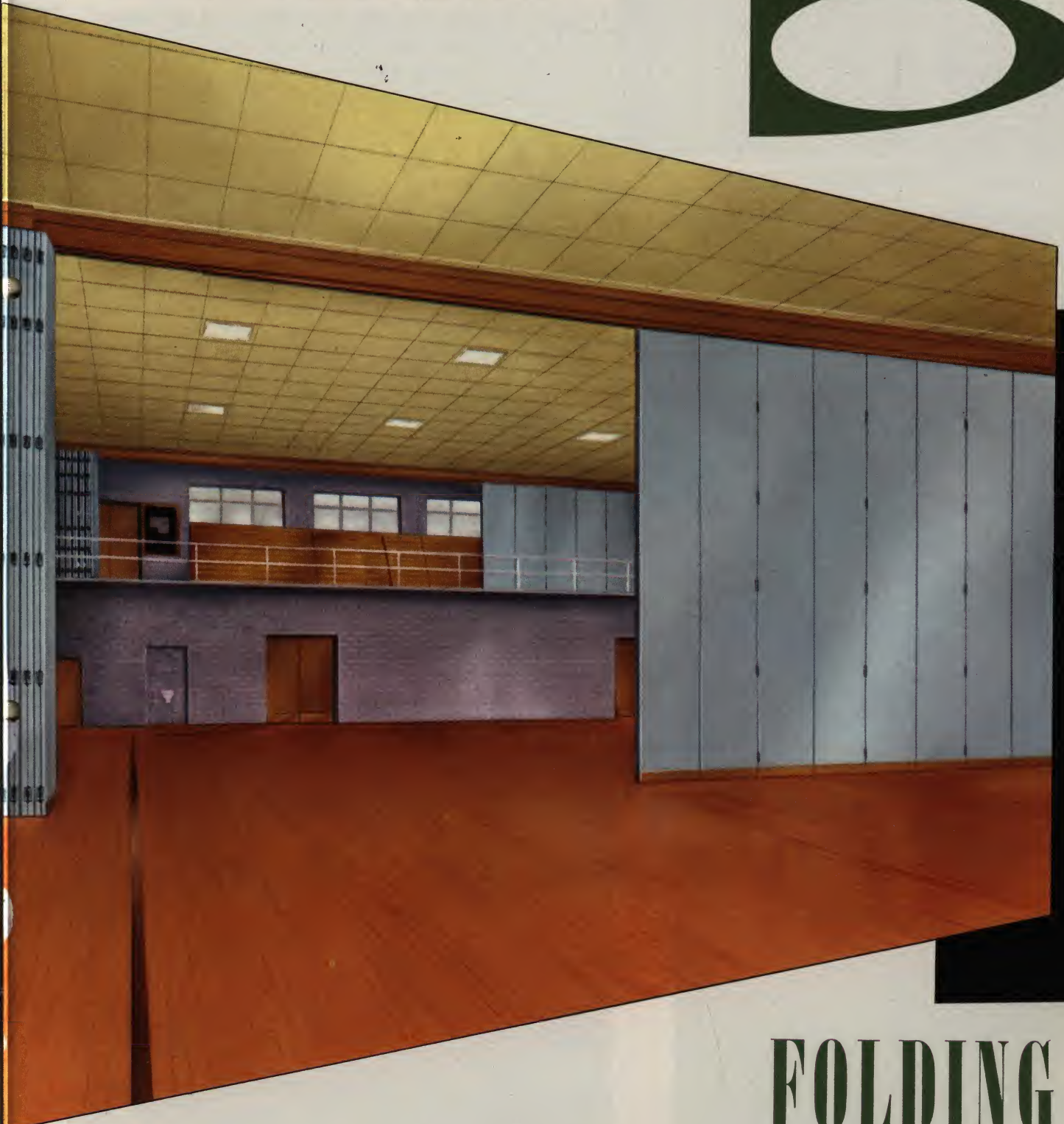


Brunswick



22d
Hor



**FOLDING
PARTITIONS**



GYMNASIUM PARTITIONS

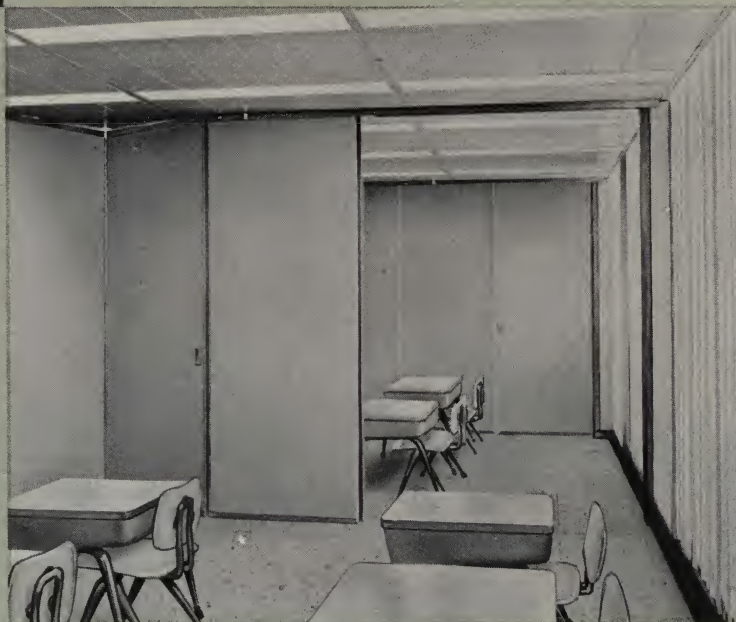
PARTITIONS TO SERVE EVERY NEED

Whether you want to turn one gymnasium into three; divide classroom space, cafeterias or multi-purpose rooms or solve that "special problem" . . . there is a Brunswick audio-visual partition custom designed to your specific needs . . . Brunswick Partitions are not mass produced! Whether you prefer roll duck, exotic plywood veneer, aluminum or *color-vinyl* facing material, Brunswick's five models offer you a full selection.

FIVE TYPES TO CHOOSE FROM

Fully automatic electric partitions provide the ultimate in operational ease and flexibility. A turn of a key closes the partition to form a wall dividing the gymnasium into two completely separate facilities. For exhibition use it opens to provide a single large gymnasium.

And for smaller areas such as classrooms, banquet halls, multi-purpose rooms etc., Brunswick offers a full range of mechanical and manually operated partitions. These units—the 200, 300, 400 and 500 series models—all offer unique solutions to specific partitioning problems.



CLASSROOM PARTITIONS



OFFICE PARTITIONS

Brunswick INTRODUCES **COLOR-VINYL**

QUALITY DESIGNED FOLDING PARTITIONS

CREATE THE ENVIRONMENT FOR

LEARNING WITH *Brunswick*

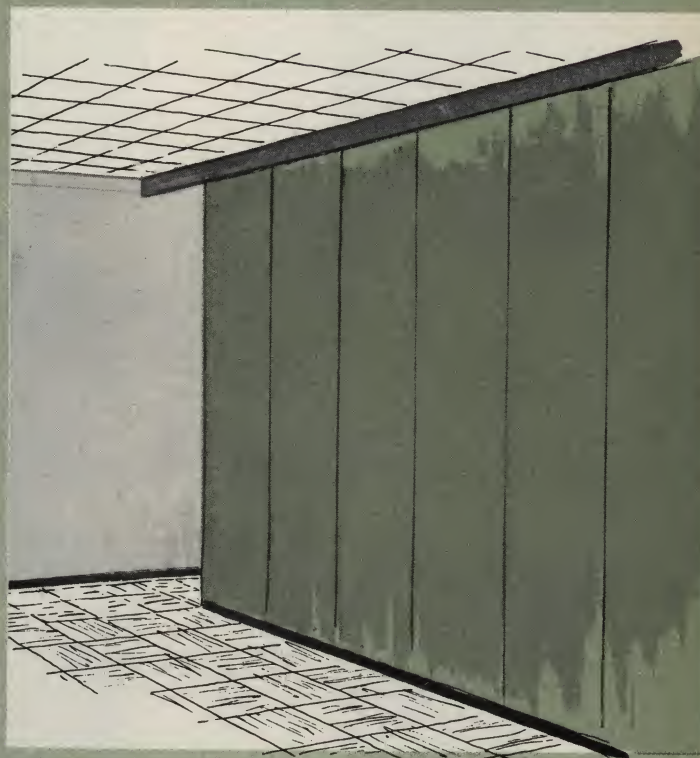
VINYL-FACED PARTITIONS...NOW AVAILABLE

IN NEW "COLORS FOR LEARNING"

EDUCATORS . . ARCHITECTS . . PSYCHOLOGISTS . .

KNOW COLOR IS IMPORTANT IN TODAY'S SCHOOLS

Proper color—properly used—is an acknowledged vital factor in creating a good learning environment. The proper color of gymnasium and multi-purpose folding partitions is an integrating factor upon the whole environment—ties together the various colors of materials.



Children are naturally colorful. They respond to a bright, cheerful environment. They like the unrestricted qualities of the colors of nature brought indoors. They react to the moods created by proper color planned activity, conference and study areas. Brunswick *color-vinyl* partitions offer you all of these important color environment advantages—and more! Under the facing you will find the same exacting standards of quality design and construction that have made Brunswick the choice for more than a quarter of a century.



COLORS FOR LEARNING

FOUR TYPES OF FACING MATERIALS

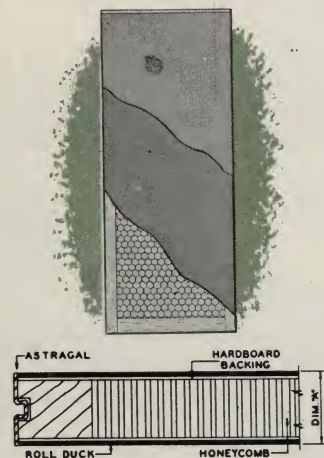
FABRIC FACING

(ROLL DUCK OR COLOR-VINYL)

Type 11—1½" thick

Type 21—2¼" thick

Type 31—3" thick

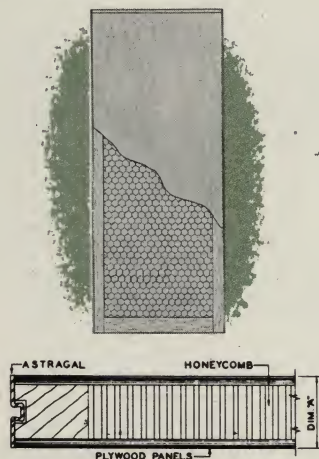


PLYWOOD FACING

Type 12—1½" thick

Type 22—2¼" thick

Type 32—3" thick

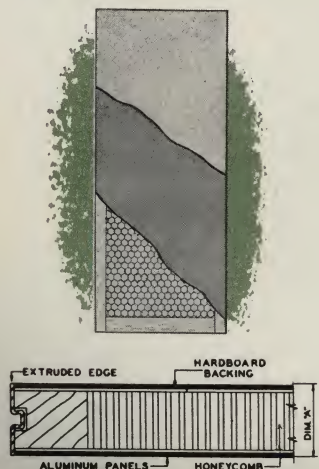


ALUMINUM FACING

Type 10—1½" thick

Type 20—2¼" thick

Type 30—3" thick

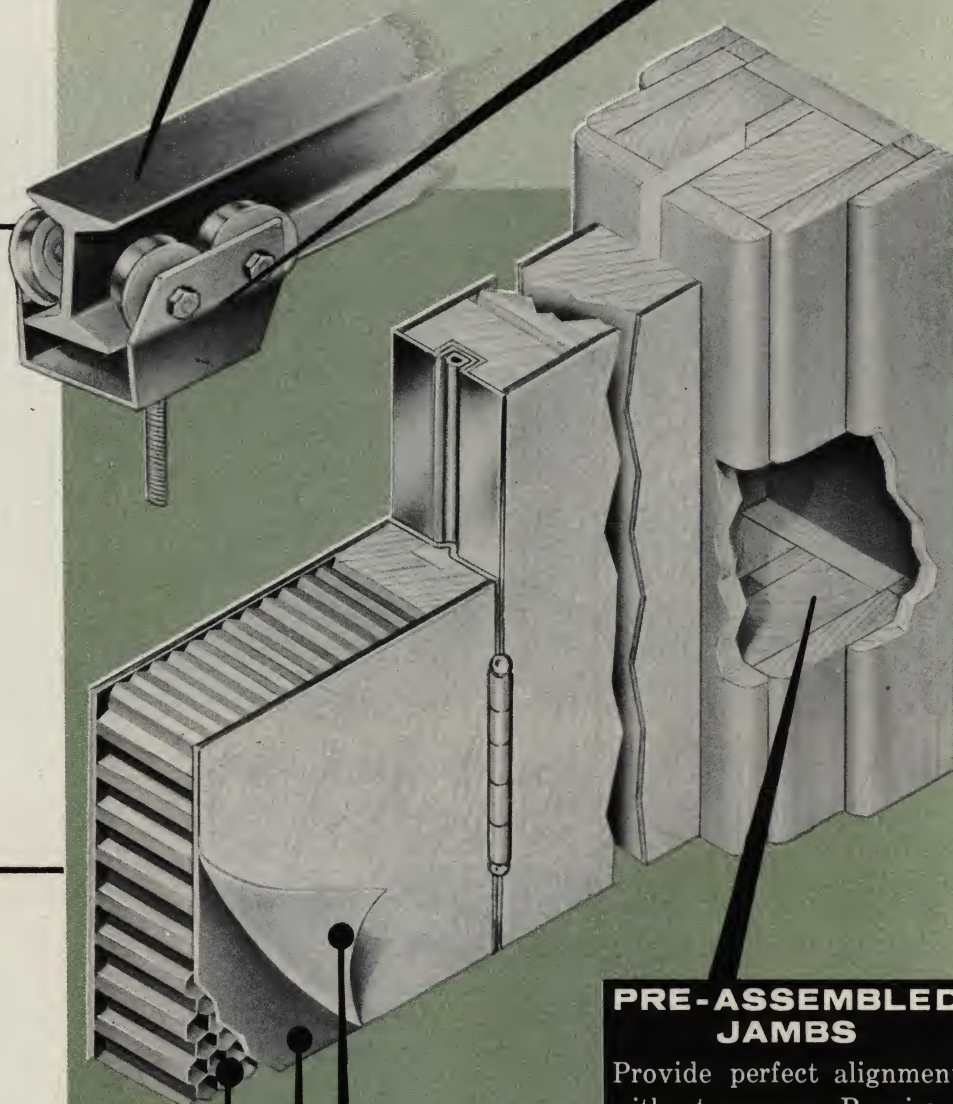


I BEAM TRACK

Balanced I beam construction and maximum load-bearing capacity add up to maximum service and safety . . . minimum maintenance.

"Y" YOKE TROLLEYS

Designed for proper concentration of load. Bearings provide frictionless operation.



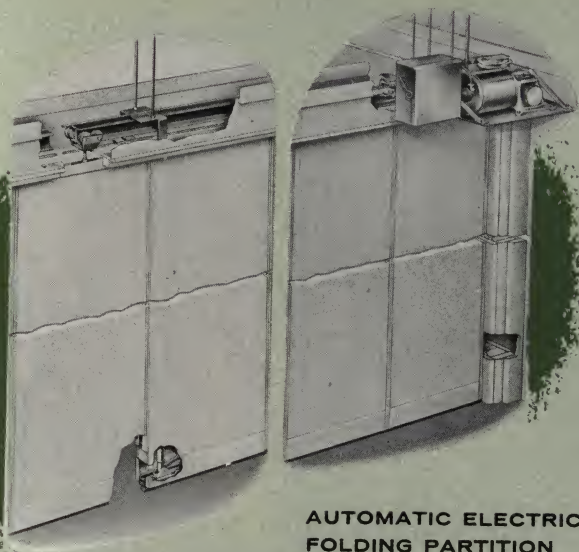
PRE-ASSEMBLED JAMBS

Provide perfect alignment without warpage. Require a minimum of field assembly work . . . reduce margin for error.

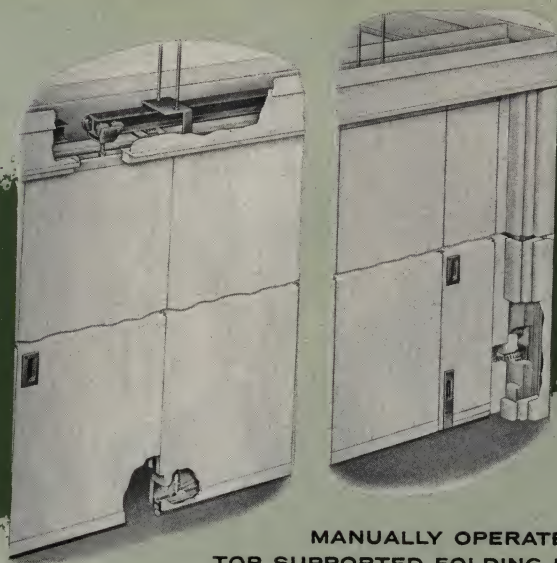
FOUR FACING MATERIALS TO CHOOSE FROM

HARDBOARD BACKING

HONEYCOMB CORE



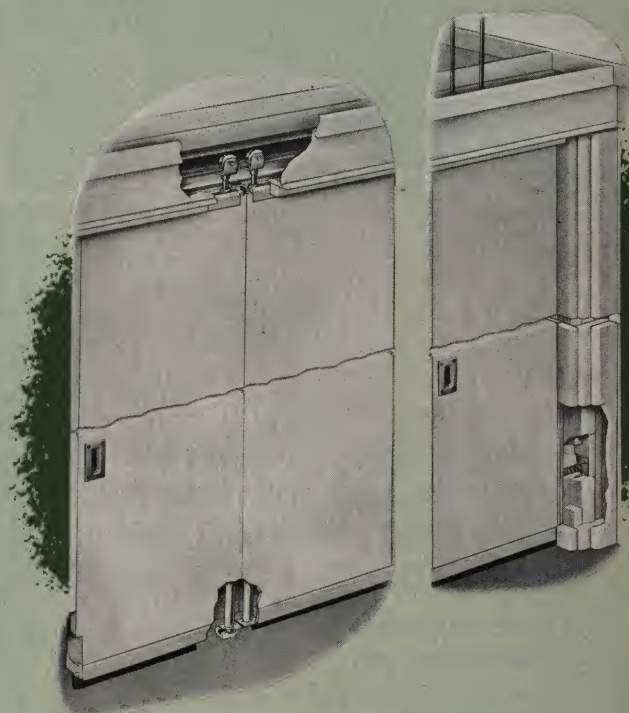
AUTOMATIC ELECTRIC
FOLDING PARTITION



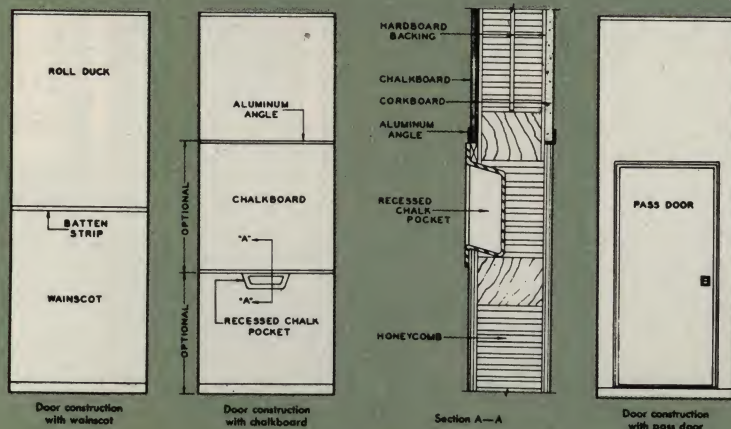
MANUALLY OPERATED
TOP SUPPORTED FOLDING PARTITION

COMPARE THE PLUS FEATURES OF *Brunswick* FOLDING PARTITIONS

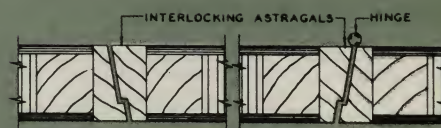
- Greater flexibility
- Custom designed
- Factory trained installation supervisors
- Early planning engineering assistance
- Guaranteed workmanship



MANUALLY OPERATED
EDGE HUNG FOLDING PARTITION

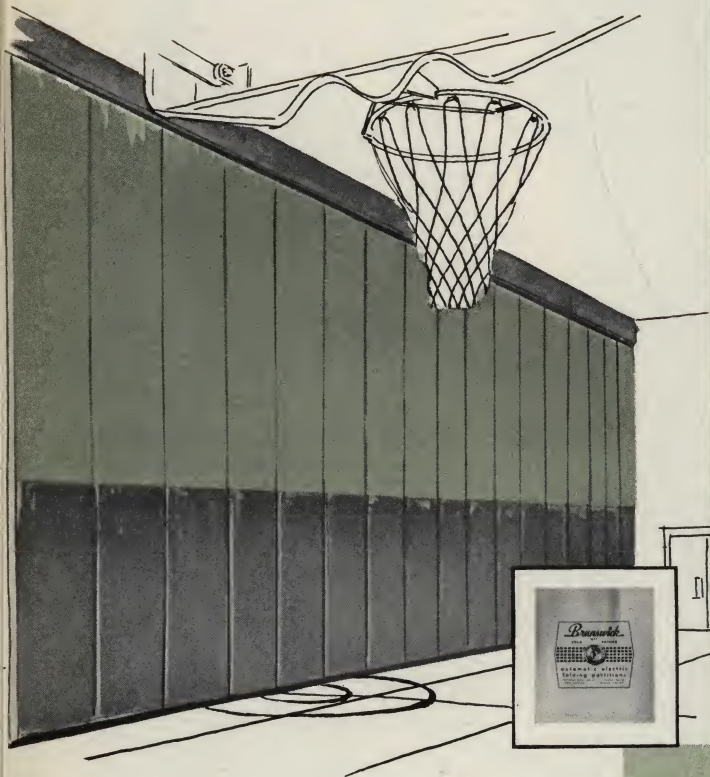


TYPICAL DOOR ELEVATIONS



HORIZONTAL SECTION THROUGH PASS DOOR

Brunswick

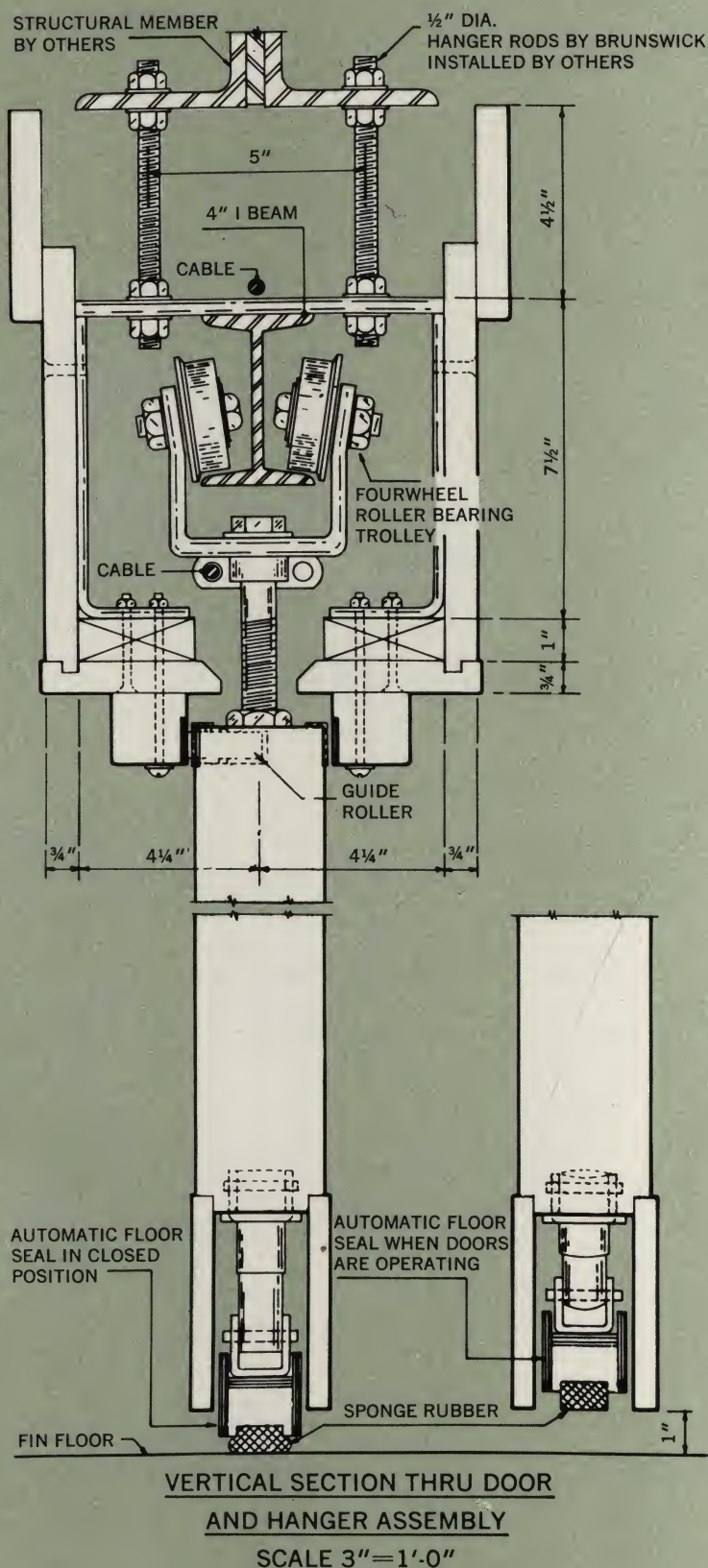


SERIES 100...CENTER SUSPENDED AUTOMATIC ELECTRIC OPERATION

- Key type automatic operation
- Job-rated motor operators
- I beam track
- "Y" yoke trolleys
- Cable drive
- Pre-assembled jambs
- Automatic bottom

SERIES 300 MECHANICAL FOLDING PARTITION

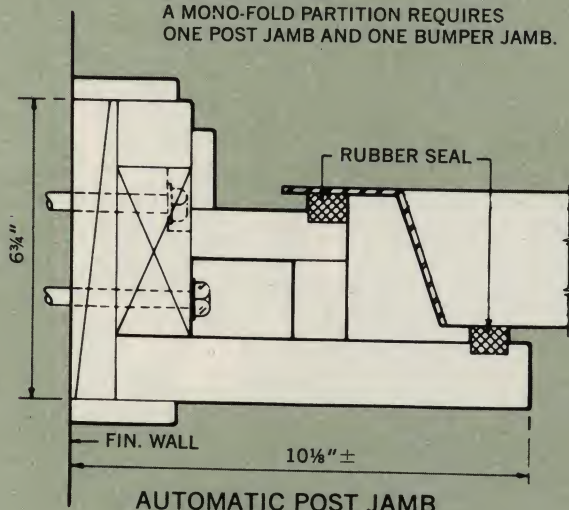
The series 300 partition is identical to the automatic electric unit except for handcrank operation.



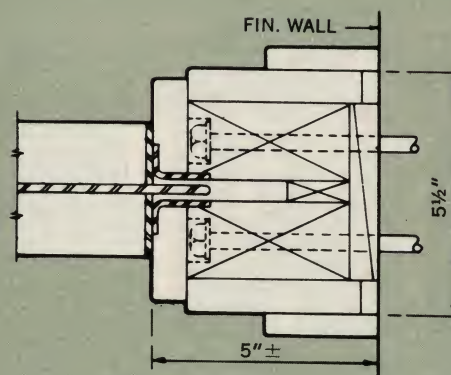
AUTOMATIC ELECTRIC PARTITIONS

22d
Hor

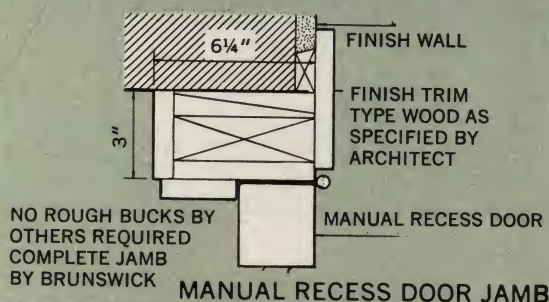
NOTE A BI-FOLD PARTITION REQUIRES
TWO POST JAMBS.
A MONO-FOLD PARTITION REQUIRES
ONE POST JAMB AND ONE BUMPER JAMB.



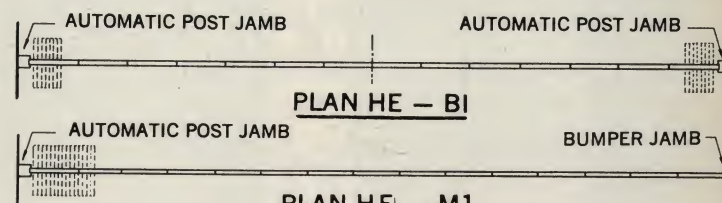
AUTOMATIC POST JAMB
SCALE 3"=1'-0"



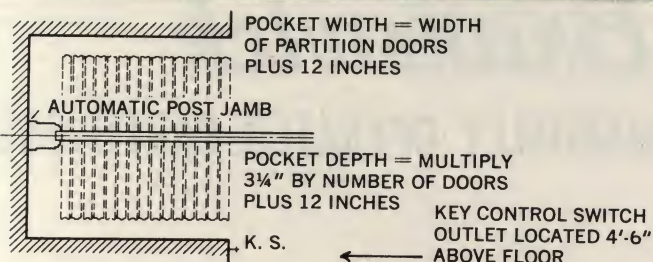
BUMPER JAMB
SCALE 3"=1'-0"



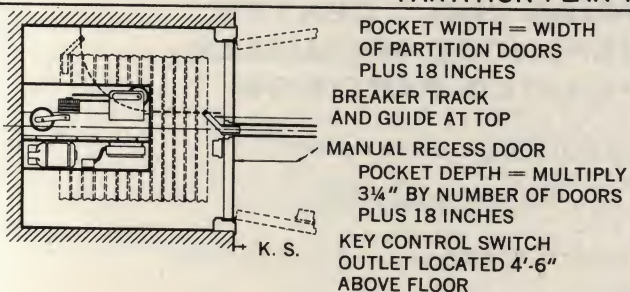
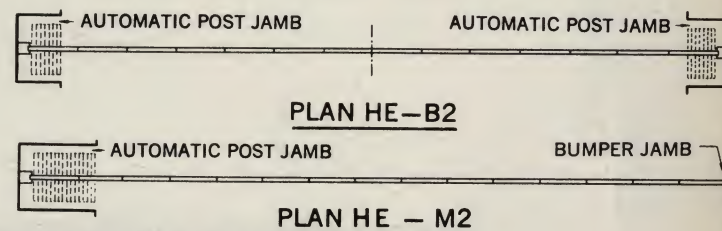
MANUAL RECESS DOOR JAMB



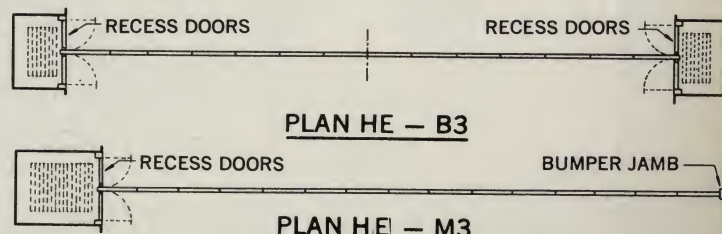
PARTITION PLANS WITHOUT RECESSES



PARTITION PLAN WITH RECESS DOORS OMITTED



PARTITION PLAN WITH MANUALLY OPERATED RECESS DOORS



SERIES 100

OPERATION:

A. Operation shall be automatic electric with folding and extending of partition controlled by a hold type key control switch. An electric operator of proper H.P. shall provide motivating force for operation of folding partition. The operating mechanism shall include the cable drive, electric gear head motor, magnetic switches, limit switches and all necessary equipment to operate a partition of this type.

B. There shall be 1" operating clearance be-

tween the partition and the floor during operation. The final extending movement shall automatically seal this space against the transmission of sound by lowering and compressing a continuous sponge rubber seal against the floor. The final extending movement shall automatically lock the partition in position without the use of bolts or keepers.

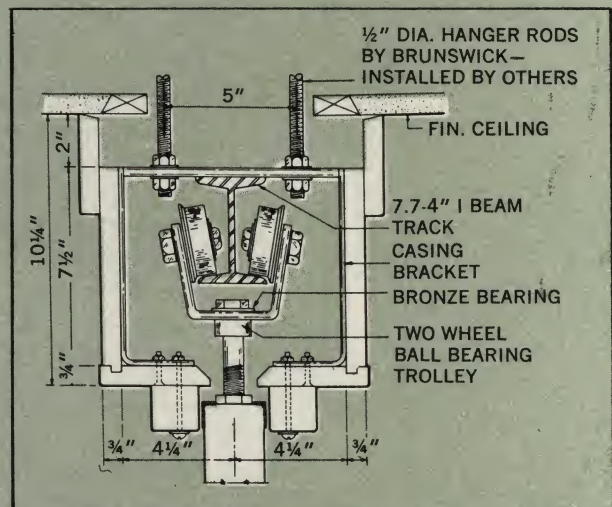
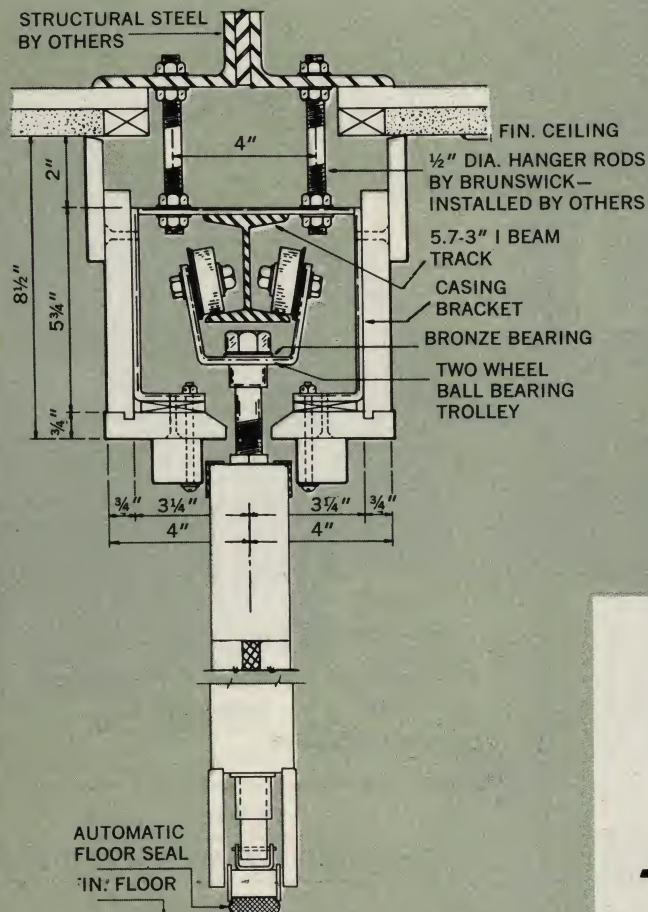
C. The partition shall be center suspended from four (4) wheel needle bearing trolleys operating on an I-Beam track. Each trolley shall have a capacity of not less than three tons. Floor track will not be permitted.

SERIES 300

SUBSTITUTE FOLLOWING PARAGRAPH FOR "A" AT LEFT

Operation shall be mechanical with folding and extending of partition controlled by means of a hand crank. The operating mechanism shall include the cable drive, gear reduction box, removable hand crank and all necessary equipment to operate a partition of this type.

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MANUALLY OPERATED PARTITIONS

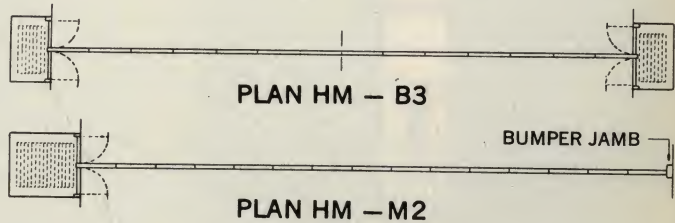
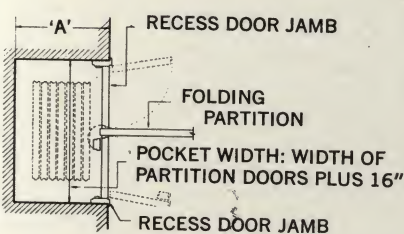
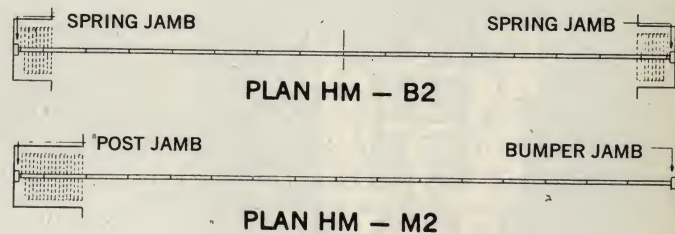
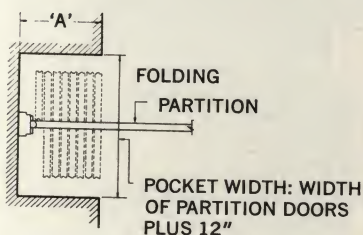
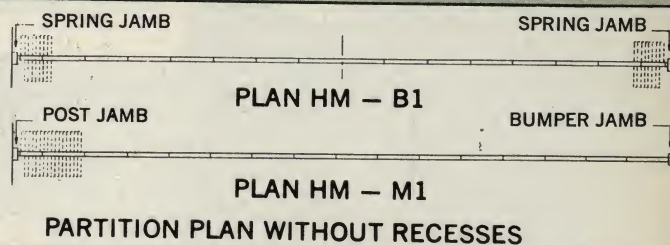
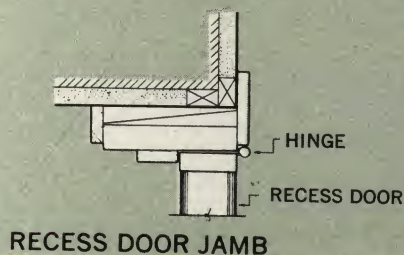
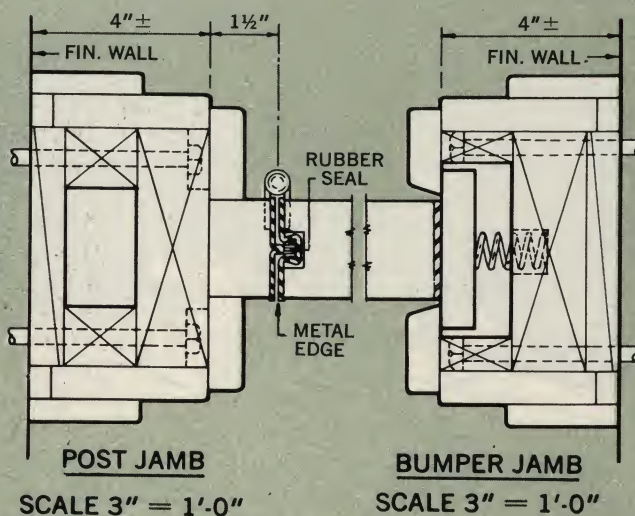
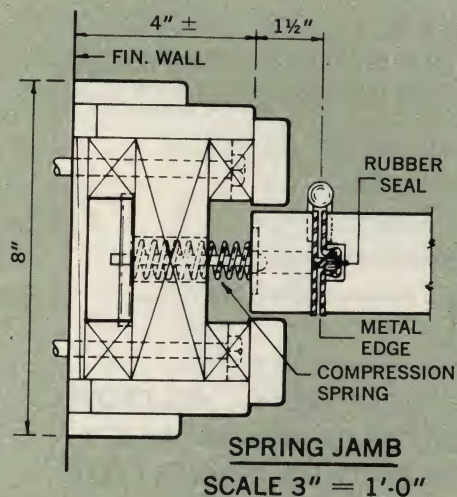
SERIES 200...CENTER SUSPENDED MANUALLY OPERATED PARTITION

- Continuous extension
- Easy hand operation
- I beam track
- "Y" yoke trolleys
- Pre-assembled jambs
- Automatic bottom



NOTE:

**NO ROUGH BUCKS BY OTHERS REQUIRED
COMPLETE JAMBS BY BRUNSWICK**



***POCKET DEPTH
DETERMINATION TABLE**

PARTITION DOOR THICKNESS	1 3/4"	2 1/4"	3"
VALUES OF QUANTITY 'A'	2 3/4"	3 3/4"	3 3/4"

OPERATION:

SERIES 200

- Operation shall be manually controlled with all doors folding to a single jamb hinged together. Partition shall extend and fold in a continuous operation.
- There shall be a 3/4" operating clearance between partition and floor during operation. The final extending movement shall automatically seal this space against the transmission of sound by lowering and compressing a continuous sponge rubber seal against the floor. The final extending movement shall automatically lock the partition in position.
- Partition shall be center suspended from ball bearing trolleys operating on an I-Beam track. Floor track will not be permitted.

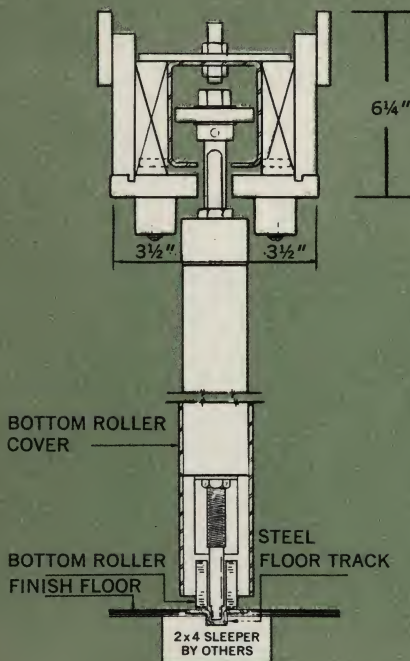
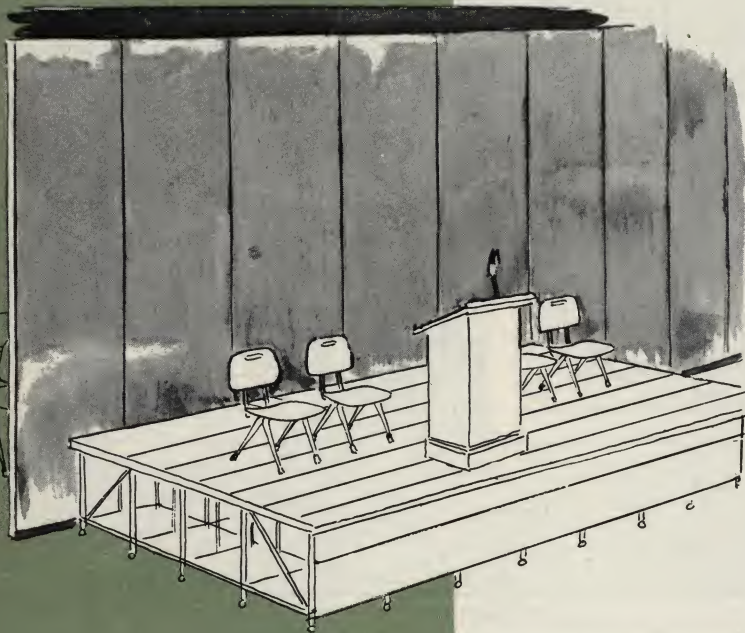
Brunswick

SERIES 500...EDGE SUSPENDED MANUALLY OPERATED PARTITION

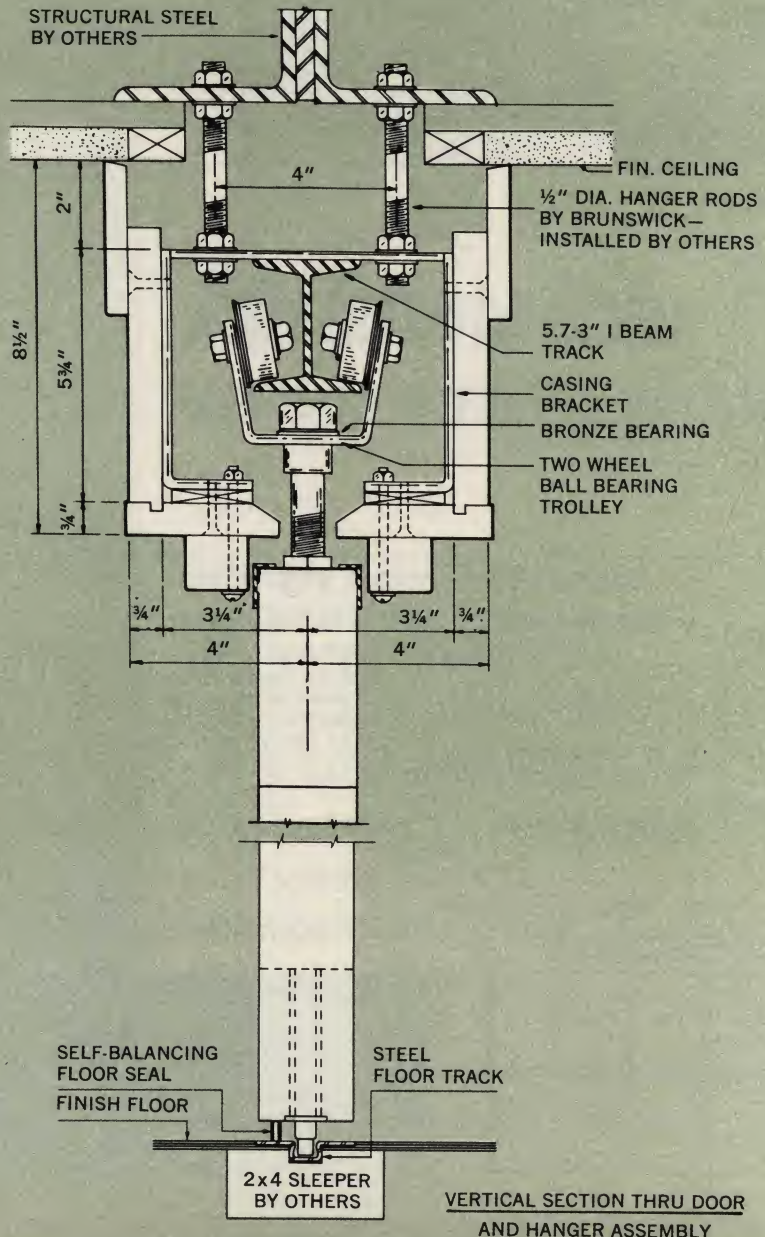
- Floor guide-track
- I beam track
- "Y" yoke trolleys
- Pre-assembled jambs
- Pair operated doors

SERIES 400...FLOOR- BEARING MANUALLY OPERATED PARTITION

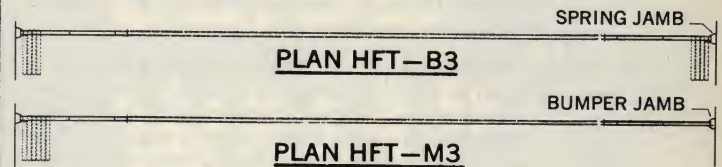
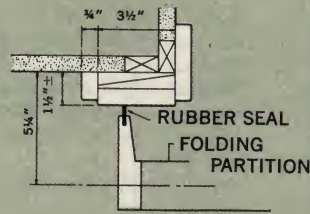
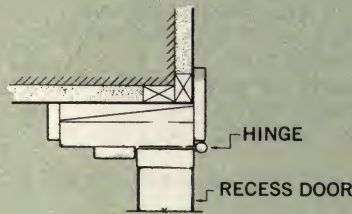
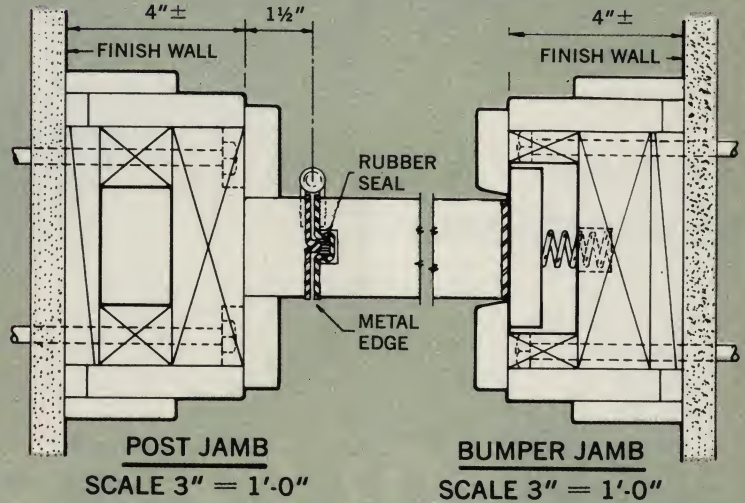
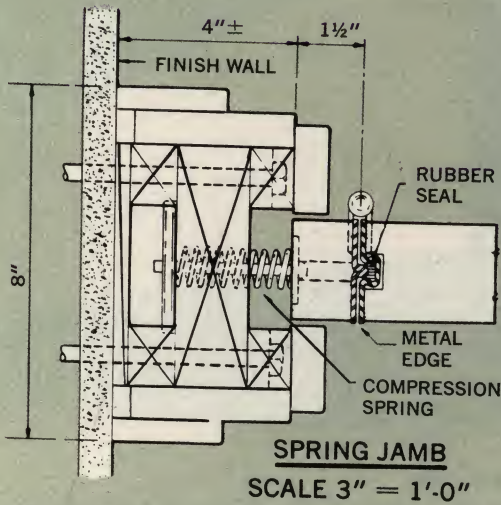
- Top guide-track
- Pair hinged doors



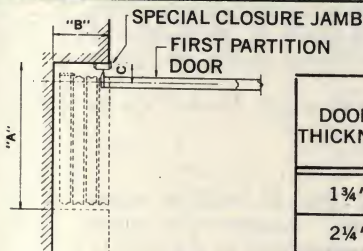
(Same as 500 series except that 400 is a floor-bearing unit.)



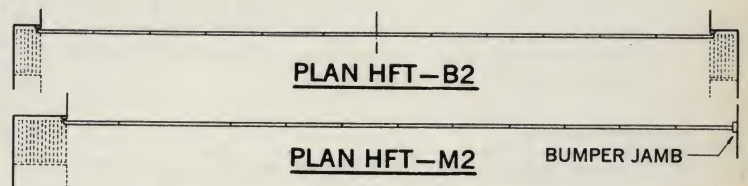
NO ROUGH BUCKS BY OTHERS REQUIRED
COMPLETE JAMBS BY BRUNSWICK



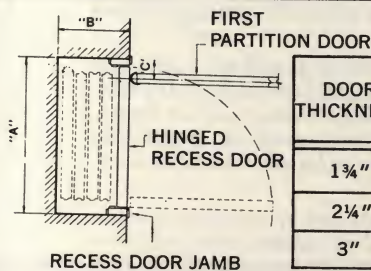
PARTITION PLAN WITHOUT RECESSES



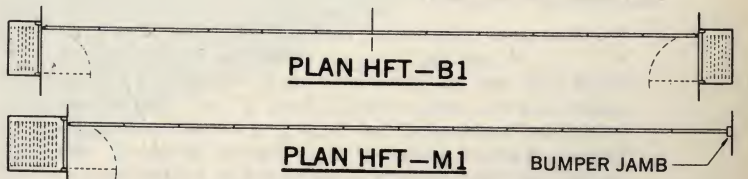
DOOR THICKNESS	"C"	DEPTH FOR 2 PAIRS OF DOORS "B"	FOR EACH ADDITIONAL PAIR ADD TO "B"
1 3/4"	5 1/4"	12 1/2"	5 1/2"
2 1/4"	5 1/4"	12 1/2"	5 1/2"
3"	5 1/4"	15 1/2"	7"



PARTITION PLAN WITH RECESS DOORS OMITTED



DOOR THICKNESS	"C"	DEPTH FOR 2 PAIRS OF DOORS "B"	FOR EACH ADDITIONAL PAIR ADD TO "B"
1 3/4"	5 1/4"	18"	5 1/2"
2 1/4"	5 1/4"	18"	5 1/2"
3"	5 1/4"	22"	7"



PARTITION PLAN WITH MANUALLY OPERATED RECESS DOORS

OPERATION:

- Operation to be manual with door sections hinged together and operated in pairs.
- Partition shall be edge hung and suspended on ball bearing trolleys operating on a 3" I-Beam track. Bottom of doors shall be guided by roller pins operating in steel guide track neatly inlaid in floor.
- There shall be a 1/2" operating clearance between bottom of partition and floor track. This space shall be sealed with a self-balancing rubber floor seal against the transmission of light and sound.

SUBSTITUTE FOLLOWING PARAGRAPH FOR "B" ABOVE:

- Partition shall be edge hung with weight carried on bottom rollers operating in steel track neatly inlaid in floor. The top of the doors shall be guided by rollers operating in box type overhead guide track.

SERIES 500

SERIES 400

FOLDING PARTITION SPECIFICATIONS



1. GENERAL SCOPE:

- A. Folding Partition shown in Architect's plans and specifications shall be as manufactured by The Brunswick-Balke-Collender Company, Kalamazoo, Michigan, or equal as approved by the Architect.
- B. Folding Partitions shall be delivered and installed by manufacturer or his duly authorized Agent. Manufacturer shall furnish folding partition complete with hardware, tracks, jambs, and track enclosure material required. The entire installation shall be guaranteed against faulty materials, workmanship and operation for a period of one (1) year from date of installation.

2. WORK BY OTHERS:

- A. Supporting steel shall be drilled or punched by others in accordance with template furnished by door manufacturer. Hanger rods will be furnished by door manufacturer and installed by general contractor. All field painting or finish by others. (ADD FOR ELECTRIC OPERATION ONLY) All conduits, outlets, rough boxes, wiring and necessary electrical work by Electrical Contractor.

3. OPERATION:

Insert proper operation specifications from page 7, 9, or 11.

4. DOOR CONSTRUCTION:

Insert proper door specifications from door specifications below.

ALUMINUM FACING:

Partition door panels shall be Brunswick AeroCore Type * of nominal * thickness. Panels to have wood stile and rail frame with resin impregnated honeycomb core over which will be glued $\frac{1}{4}$ " thick, full density hardboard backing panels. Facing to be .025 rolled aluminum. Vertical edges of door panels furnished with continuous metal astragals with hinges jig welded thereto.
*Type 10, @ $1\frac{1}{4}$ " Thick—Type 20 @ $2\frac{1}{4}$ " Thick—Type 30 @ 3" Thick

Folding Stages
Sweet's File No. 23g
Ho

Folding Gymnasium Seating
Sweet's File No. 23j
Ho

Folding Backstops
Sweet's File No. 23k
Ho

FABRIC FACING:

Partition door panels shall be Brunswick AeroCore Type * of nominal * thickness. Panels to have wood stile and rail frame with resin impregnated honeycomb core over which will be glued $\frac{1}{4}$ " thick, full density hardboard backing panels. Facing to be **. Vertical edges of door panels furnished with continuous metal astragals with hinges jig welded thereto.

*Type 11 @ $1\frac{1}{4}$ " Thick—Type 21 @ $2\frac{1}{4}$ " Thick—Type 31 @ 3" Thick

**Roll Duck sized one coat at Factory—Brunswick Color Vinyl Plastic

PLYWOOD FACING:

Partition door panels shall be Brunswick AeroCore Type * of nominal * thickness. Panels to have wood stile and rail frame with resin impregnated honeycomb core over which will be glued $\frac{1}{4}$ " thick plywood panels. Surface veneer to be (Please specify cut, grade and species of veneer).

*Type 12 @ $1\frac{1}{4}$ " Thick—Type 22 @ $2\frac{1}{4}$ " Thick—Type 32 @ 3" Thick.

OPTIONAL EQUIPMENT:

1. Chalkboard and/or corkboard shall be installed where indicated in Architect's details, complete with metal moulding. Recessed chalk pockets shall be provided to complement chalkboard.
2. The lower portion of the door shall be provided with Wainscot to a height of . (Wainscot of pressed wood, plywood, cork or linoleum provided on specification.)
3. Pass door, seven feet high from floor and ten inches less in width than regular door section, shall be provided complete with 3 butts, latching device, flush cups and threshold. (Master keyed cylinder lock shall be provided by others.) Location of pass door to be determined by Architect.
4. Recess pocket(s) shall be enclosed by manually operated doors of same construction as partition door sections. Doors shall enclose pocket(s) when partition is in both open and closed positions.

Brunswick

SCHOOL EQUIPMENT DIVISION
BRUNSWICK-BALKE-COLLENDER CO.
KALAMAZOO, MICHIGAN

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